www.philips.com/welcome

EN   User manual

RU   Руководство пользователя

PHILIPS

Contents

English

1 Important

Safety

Know these safety symbols
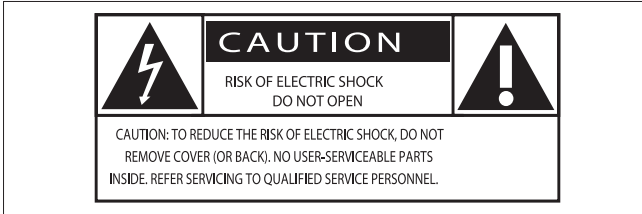
This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

⚠ Warning

- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

⚠ Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the unit.

Hearing safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.

- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

> **! Caution**
>
> - Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Wall mounting of the unit should only be performed by qualified personnel. The unit must only be mounted on an appropriate wall bracket and on a wall that can safely hold the weight of the unit. Improper wall mounting can result in severe injury or damage. Do not attempt to wall mount the unit yourself.

Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Environmental information
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.
Environmental information
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Be responsible
Respect copyrights

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

DOLBY
VIRTUAL SPEAKER

Manufactured under license from Dolby Laboratories.
Dolby and the double-D symbol are trademarks of Dolby Laboratories.

DOLBY
PRO LOGIC II

Manufactured under license from Dolby Laboratories.
Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories.

Other trademarks and trade names are those of their respective owners.

This apparatus includes this label:

CLASS 1
LASER PRODUCT

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI, and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

DivX **DivX ULTRA**

DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.
Official DivX® Ultra Certified product.
Plays all versions of DivX® video (including DivX® 6) with enhanced playback of DivX® media files and the DivX® Media Format.

dts
Digital Surround

Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2008 DTS, Inc. All Rights Reserved.

HI-SPEED CERTIFIED USB

The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, inc.

ENERGY STAR

ENERGY STAR and the ENERGY STAR mark are registered U.S. marks.

Note

- The type plate is located on the bottom of the apparatus.

2 Your DVD Home Theater System

Congratulations on your purchase, and welcome to <brand>! To fully benefit from the support that <brand> offers, register your product at www.<brand>.com/welcome. This DVD Home Theater System is designed to complement your home perfectly. Enjoy the DVD Home Theater System with multi-channel surround sound and excellent picture quality.

Introduction

With this unit, you can:
- watch video from DVD/VCD/SVCD or USB devices
- enjoy audio from discs or USB devices
- view pictures from discs or USB devices
- listen to FM radio
- Control EasyLink-compliant devices through a single remote control
- Sync audio output with the video output
  You can enrich sound output with these sound effects:
- Surround sound experience
- Preset sound modes

The unit supports these media/disc formats:

You can play DVD discs with the following region codes:

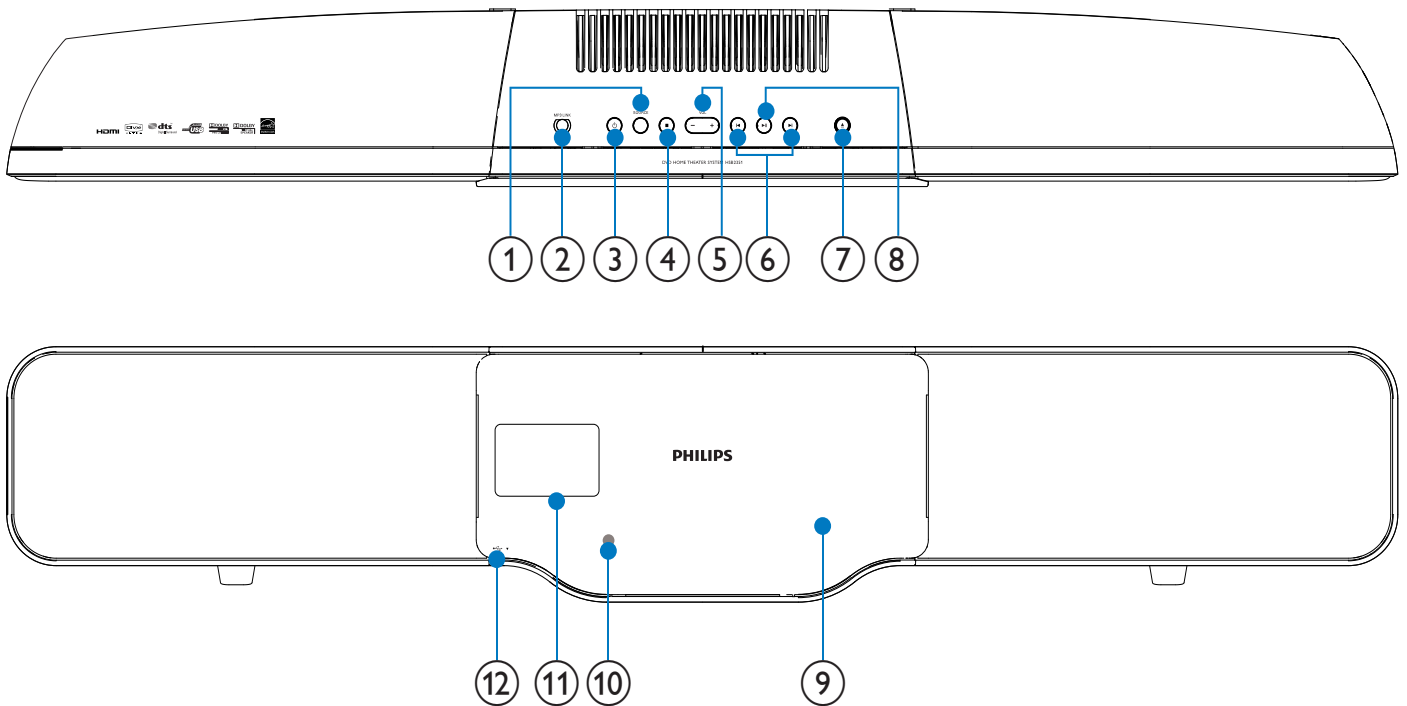| DVD region code	Countries
	Russia

What's in the box

Check and identify the contents of your package:
- Main unit
- Speakers (x 2)
- Power adapter for the main unit
- Power cord
- Remote control (with batteries)
- FM wire antenna
- AV cable (red/white/yellow)
- USB extension cable
- Wall mount bracket and screws (x4)

Overview of the main unit

! **Caution**

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

a **SOURCE**
- Select a source.

b **MP3 LINK**
- Jack for an external audio device.

c ⏻
- Turn on the unit or switch to standby mode.

d ◼
- Stop play.
- Erase a preset radio station.

e **VOL -/+**
- Adjust volume.

f ◀◀/▶▶
- Skip to the previous/next title/chapter/track.
- Select a preset radio station.

g ⏏
- Open the disc compartment.

h ▶❚❚
- Start or pause play.
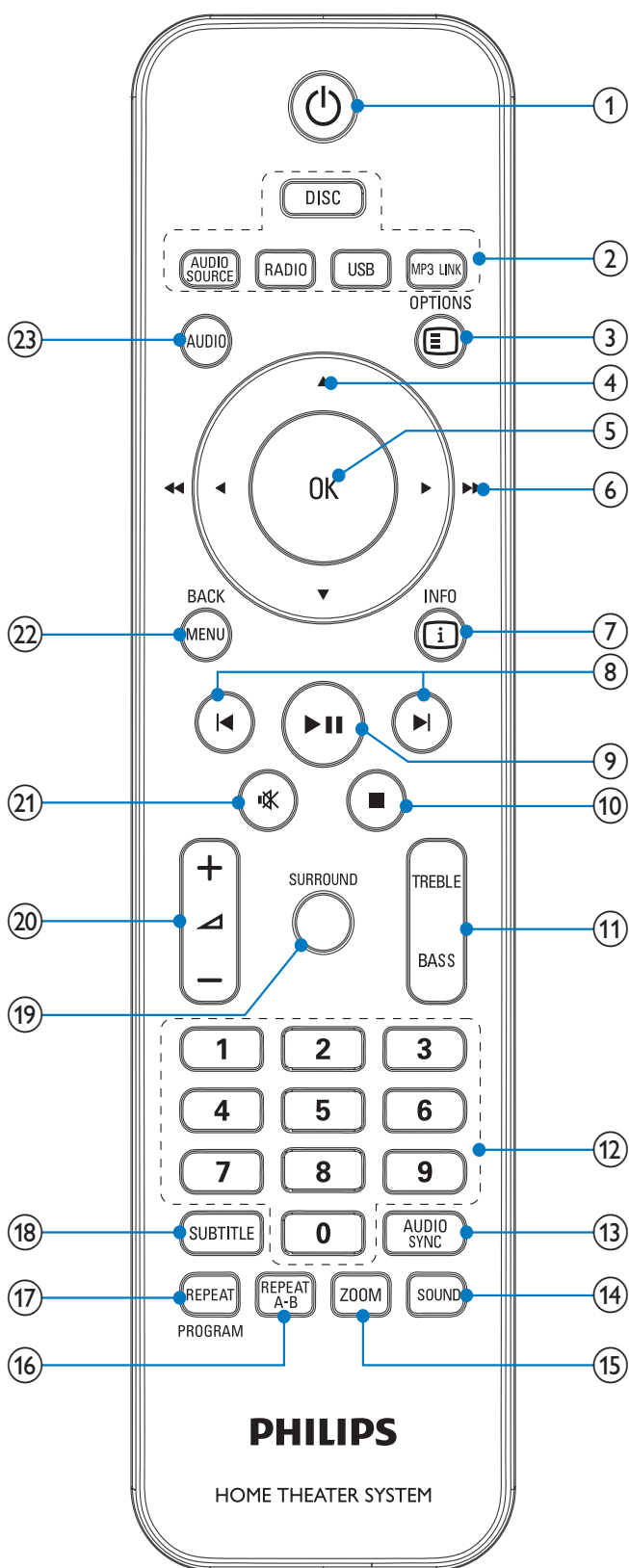
i **Disc compartment**

j **Remote control sensor**

k **Display panel**
- Display current status.

l •⟷▼
- USB socket.

Overview of the remote control

PHILIPS

HOME THEATER SYSTEM

a ⏻
- Turn on the unit or switch to standby mode.

b **Source selection keys**
- Select a source.

c ▣ **OPTIONS**
- Access or exit the system setup menu.

d **▲/▼**
- For menus: navigate up/down.
- Move an enlarged picture up/down.
- Rotate or invert pictures.

e **OK**
- Confirms an entry or selection.

f **◀/▶ (◀◀/▶▶)**
- For menus, navigate left/right.
- Search within a track or disc.
- Move an enlarged picture left/right.
- Tune to a radio station.

g ⓘ **INFO**
- For video/audio play, display information about the current status or the disc.
- For pictures, display a thumbnail view of picture files.

h **I◀/▶I**
- Skip to the previous/next title/chapter/track.
- Select a preset radio station.

i **▶II**
- Start or pause play.

j **■**
- Stop play.
- Erase a preset radio station.

k **TREBLE / BASS**
- Change treble or bass. Use with ◢ +/-.

l **Numeric keypad**
- Select a title/chapter/track directly.
- Select a preset radio station directly.

m **AUDIO SYNC**
- Access audio delay setting.

n **SOUND**
- Selects a predefined sound effect.

(15) **ZOOM**
- For pictures or video: zoom in/out.

(16) **REPEAT A-B**
- Repeat a specific section within a track/disc.

(17) **REPEAT/PROGRAM**
- Selects or turns off repeat or shuffle mode.
- Program radio stations.

(18) **SUBTITLE**
- Select DVD or DivX subtitle language.

(19) **SURROUND**
- Enable/disable Dolby Virtual Speakers (DVS) sound effect.

(20) **◢ +/-**
- Adjust volume.
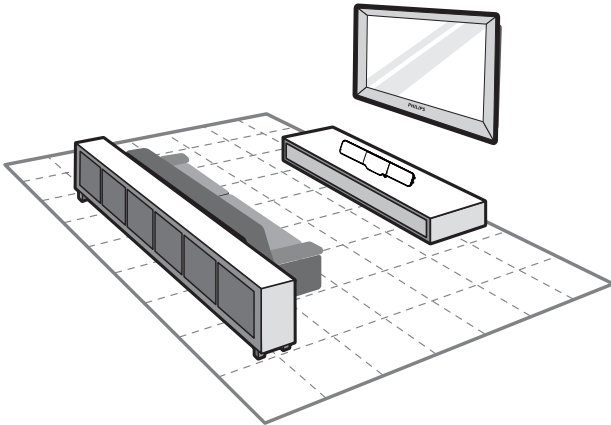
(21) **◁×**
- Mute or restore volume.

(22) **MENU/BACK**
- Return to the previous screen.
- For video discs: access or exit the disc menu.
- For video discs with playback control(PBC): turn on/off PBC.

(23) **AUDIO**
- For VCD, select stereo, mono-left or mono-right channel.
- For DVD/DivX video, select an audio language.

3 Connect

Place the unit

1 Place the unit near to the TV.
2 Keep the speakers at the normal listening ear-level and directly parallel to the listening area.

> **Note**
>
> - To avoid magnetic interference or unwanted noise, never place this apparatus and speakers too close to any radiation devices.
> - Never place this unit in an enclosed cabinet.
> - Install this unit near the AC outlet where the AC power plug can be easily reached.

Attach speakers to the main unit

1 Place the main unit on a soft and flat surface.
   - Ensure that the rear side faces upwards.
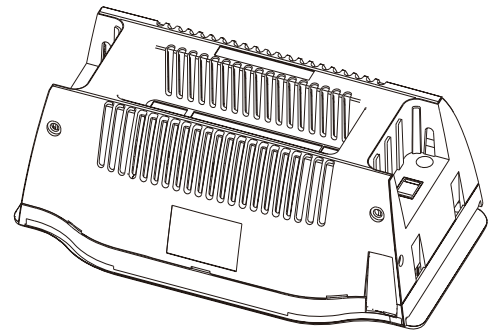
2 Attach the left speaker to the left side of the main unit.
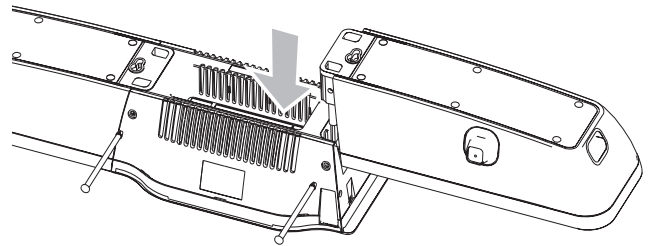
3 Repeat step 2 to attach the right speaker.
4 Insert the supplied studs into the holes.

Connect TV

Option 1: Connect through AV cable - Basic quality

AV out provides basic analogue connectivity.

1 Connect one end of the AV cable (red/white/yellow) to the AV input sockets on the TV.
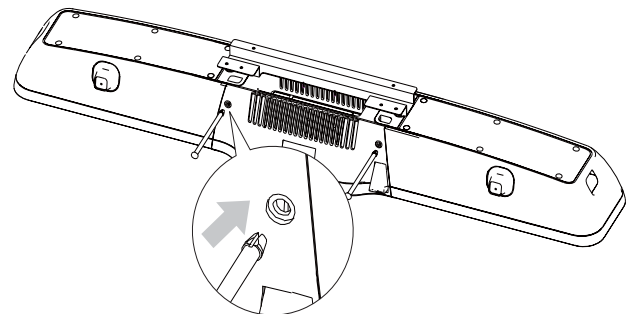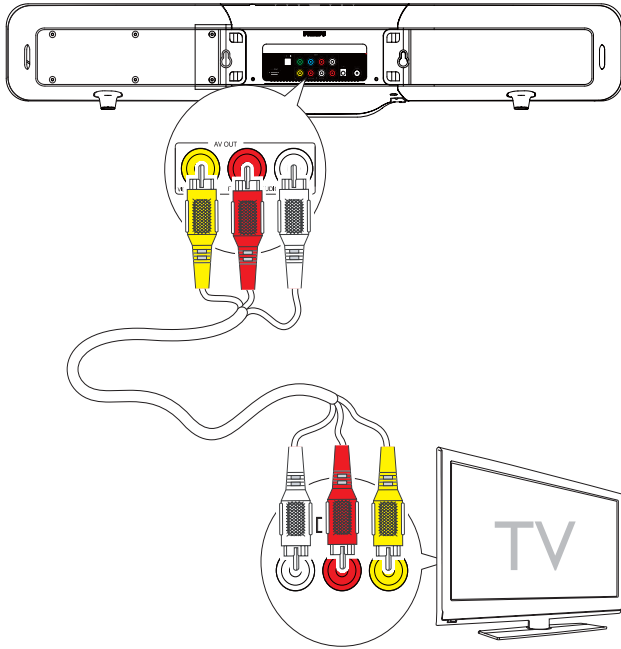
2 Connect the other end to the **AV OUT** (**VIDEO , AUDIO L/R**) sockets on the unit.

Note

- If you want to listen to sound from the unit instead of from TV, connect the video cable (yellow) only. Do not connect the audio cable (red and white).

Option 2: Connect through HDMI - Highest quality

If you want to experience full high-definition video, use HDMI connection. HDMI provides an uncompressed, digital interface between your TV and the unit. Both audio and video signals are combined in one HDMI cable.

Note

- To use Philips EasyLink, you must use HDMI connection (see "Use Phlips EasyLink").
- This unit is HDMI CEC compatible. It enables the connected TV/device to control each other over HDMI.

---
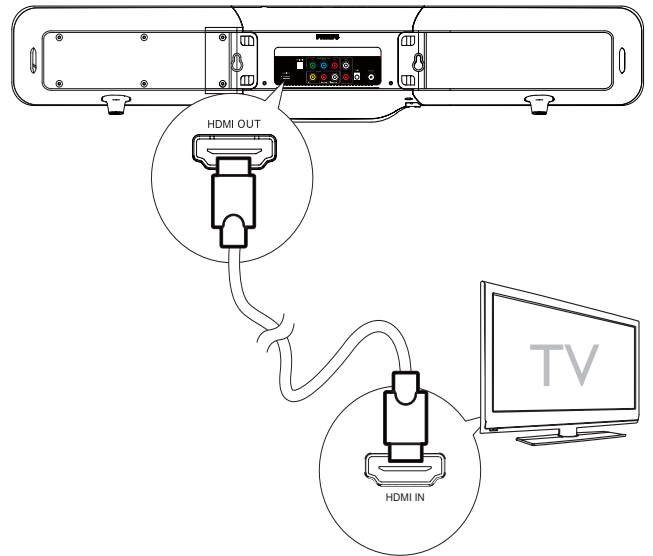
a Connect an HDMI cable (not supplied) to:
  - - the **HDMI** socket on this unit.
  - - the HDMI input socket on the TV.

Tip

- If your TV has only a DVI connection, connect through a HDMI/DVI adaptor. An extra audio connection is needed to complete this connection.

Option 3: Connect through component - Higher quality

Component video provides better picture quality than AV out connections. Though component video supports high-definition signals, picture quality is lower than HDMI and is analogue.
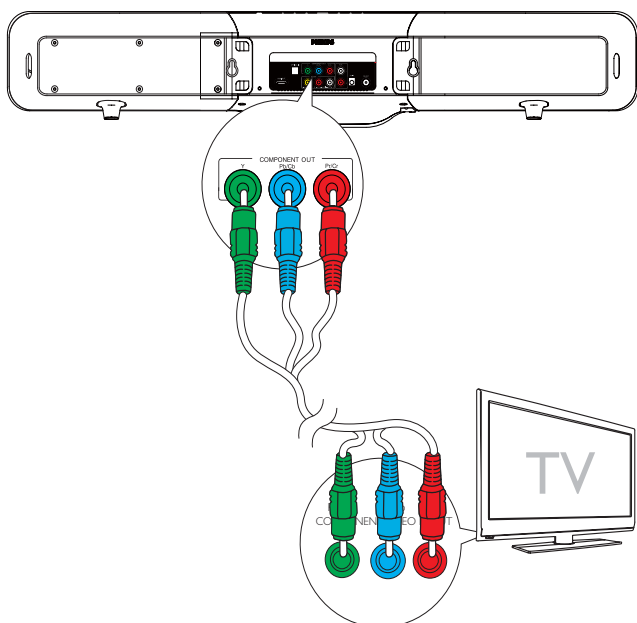
a Connect a component video cable (red/ blue/green - not supplied) to:

- - the **COMPONENT** (**Pr/Cr Pb/Cb Y**) sockets on this unit.
- - the component input sockets on the TV.

Connect audio cables

1 To play sound from the TV through this unit, connect audio cables (red/white - not supplied) to:

- the **AUX L/R** sockets on this unit.
- the audio output sockets on the TV.

Connect FM antenna

✳ Tip

- This unit does not support MW radio reception.

1 Connect the supplied FM antenna to the **FM ANT** socket on the unit.

Connect power

⚠ Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electric shock! When you unplug the AC power, always pull the plug from the socket. Never pull the cord.
- Before you connect the AC power, ensure you have completed all other connections.
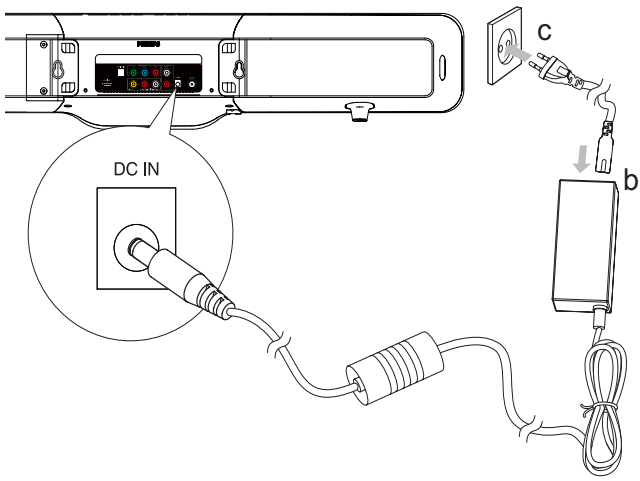
Connect the power adaptor with main unit and power cord, then connect the plug to the wall outlet.

4 Get started

> **⚠ Caution**
>
> - Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here:

Model No. _____

Serial No. _____

Prepare the remote control

> **⚠ Caution**
>
> - Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
> - Risk of decreased battery life! Never mix different brands or types of batteries.
> - Risk of product damage! When the remote control is not used for long periods, remove the batteries.

> **☰ Note**
>
> - Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

1 Open the battery compartment.

2 Insert two R03 or AAA batteries with correct polarity (+/-) as indicated.

3 Close the battery compartment.
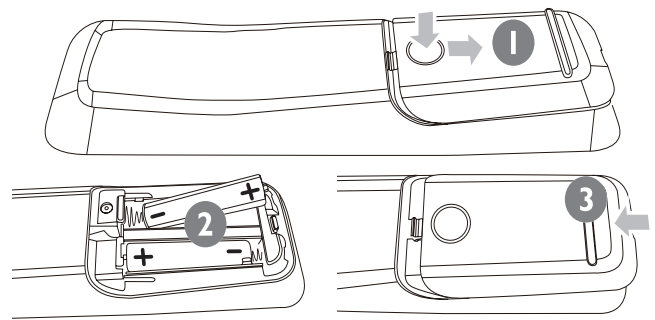
Turn on

1 Press ⏻.
   » The unit switches to the last selected source.

Find the correct viewing channel

1 Press **DISC** to switch to disc mode.

2 Press the source button repeatedly on the remote control of your TV.

> **✳ Tip**
>
> - The video-in channel may be called AV, VIDEO, HDMI etc. See the TV user manual on how to select the correct input on the TV.

Select the correct TV system

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

1 Press ▣ **OPTIONS**.

2 Select **[Video Setup]**.

3 Select **[TV Type]** and then press ▶.

4 Select a setting and then press **OK**.
   - **[PAL]** - For TV with PAL color system.

- **[NTSC]** - For TV with NTSC color system.
- **[Multi]** - For TV that is compatible with both PAL and NTSC.

5 To exit the menu, press ▣ **OPTIONS**.

Select menu display language

1 Press ▣ **OPTIONS**.
2 Select **[General Setup]**.
3 Select **[OSD Language]** and then press ▶.
4 Select a setting and then press **OK**.
5 To exit the menu, press ▣ **OPTIONS**.

Turn on Progressive Scan

Progressive scan displays twice the number of frames per seconds than interlaced scanning (ordinary TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.
Before you turn on this feature, ensure that:
- The TV supports progressive scan signals.
- You have connected this unit with the TV through component video.

1 Turn on the TV.
2 Ensure that the TV progressive scan mode is deactivated (see the TV user manual).
3 Switch the TV to the correct viewing channel for this unit.
4 Press **DISC**.
5 Press ▣ **OPTIONS**.
6 Press ▲/▼ to select **[Video Setup]** in the menu, then press ▶.
7 Select **[Progressive]** > **[On]**, then press **OK**.
   ↳ A warning message is displayed.
8 To proceed, select **[Ok]** and press **OK**.
   ↳ The progressive setup is complete.

⊟ Note

- If a blank/distorted screen is displayed, wait for 15 seconds for auto recovery or turn off progressive scan manually.

---

9 Turn on the progressive scan mode on the TV.

Turn off progressive scan manually

1 Turn off the progressive scan mode on the TV.
2 Press ▣ **OPTIONS**.
3 Press ▲/▼ to select **[Video Setup]** in the menu, then press ▶.
4 Select **[Progressive]** > **[Off]**, then press **OK**.
5 To exit the menu, press ▣ **OPTIONS**.

Use Philips EasyLink

This unit supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI connectors can be controlled by a single remote control.

⊟ Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

---

1 Turn on the HDMI CEC operations on the TV or other connected devices. See TVs/devices manual for details.
2 You can now enjoy the following Philips EasyLink controls.

One touch play[Auto Wakeup TV]

When you press ▶II, this unit will wake up from standby mode and start disc play (if a video disc is found in the disc compartment). At the same time, your TV will also be turned on and be switched to the correct viewing channel.

One touch power-off[System Standby]

When you connect this unit to devices that support standby mode, you can use the remote control of this unit to switch this unit and all connected HDMI devices to standby mode. You can also use the remote control from any of the connected HDMI devices to perform one-touch standby .

One touch audio play[System Audio Control]

When you connect this unit to HDMI CEC compliant devices, the unit can switch automatically to play audio from the connected device.

5 Play

Note

*   With some disc/file types, play may differ.

Play discs

Caution

*   Never look at the laser beam inside the unit.
*   Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
*   Never put any objects other than discs into the disc compartment.

1   Press **DISC** to select the DISC source.
2   Press ▲ on the main set to open the disc compartment.
3   Place a disc into the disc compartment and press ►II.
    » Ensure that the label faces outwards.
4   Play starts automatically.
    *   To stop play, press ■.
    *   To pause or resume play, press ►II.
    *   To skip to the previous/next title/ chapter/track, press I◄/►I.
        If play does not start automatically:
*   Select a title/chapter/track and then press ►II.

Tip

*   To play a locked DVD, enter the 4-digit parental control password.

Use the disc menu

When you load a DVD/(S)VCD disc, a menu may be displayed on the TV screen.

To return to the menu during play:

1   Press **MENU/BACK**.

Note

*   To see the disc menu of a VCD disc, you must turn on PlayBack Control (PBC) feature of the disc.

Select an audio language

You can select an audio language on DVDs, DiVx video or VCDs.

1   During disc play, press **AUDIO**.
    » The language options appear. If the selected audio channels is unavailable, the default disc audio channel is used.

Note

*   For some DVDs, the language can only be changed from the disc menu. Press **MENU/BACK** to access the menu.

Select a subtitle language

You can select a subtitle language on DVDs or DivX® Ultra discs.

*   During play, press **SUBTITLE**.

Tip

*   For some DVDs, the language can only be changed from the disc menu. Press **MENU/BACK** to access the menu.

Sync audio output with video play

If the video play is slower than the audio output (sound does not match with the pictures), you can delay the audio output to match the video.

1   Press and hold **AUDIO SYNC** until 'AUDIO SYNC XXX' is displayed.
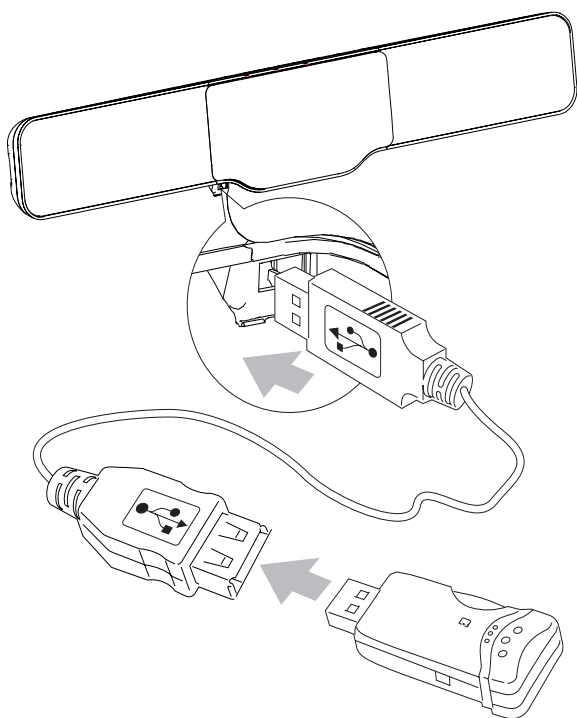   » 'XXX' denotes the delay time.

2 Within five seconds, press ⊿ **+/-** to set the delay time for audio output.

Play from USB

> **Note**
>
> • Ensure that the USB device contains playable music, pictures or video.

1 Connect the supplied USB extension cable to:
- the USB device
- the ⟷ socket

2 Press **USB** to select the USB source.
» A contents menu is displayed.

3 Select a folder, then press **OK**.

4 Select a file to play, then press ►II.
- To return to the main menu, press ▲ until the 'Previous' folder is selected, then press **OK**.
- To stop play, press ■.
- To pause or resume play, press ►II.
- To skip to the previous/next file, press I◄/►I.

Play DivX video

You can play DivX files copied onto a CD-R/RW, recordable DVD or USB device.

1 Insert a disc or connect a USB device.

2 Select a source:
- For discs, press **DISC**.
- For USB devices, press **USB**.

3 Select a title to play, then press ►II.
- To stop play, press ■.
- To pause or resume play, press ►II.
- To change a subtitle language, press **SUBTITLE**.

> **Note**
>
> • You can only play DivX videos rented or purchased through the DivX registration code of this unit.
> • Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
> • The subtitle filename has to be the same as the file name of the video.

Play MP3/WMA/picture files

You can play MP3/WMA/picture files copied onto a CD-R/RW, recordable DVD or USB device.

1 Insert a disc or connect a USB device.

2 Select a source:
- For discs, press **DISC**.
- For USB devices, press **USB**.
- A contents menu is displayed.

3 Select a folder, then press **OK**.

4 Select a file to play, then press ►II.
- To return to the main menu, press ▲ until the 'Previous' folder is selected, then press **OK**.
- To stop play, press ■.
- To pause or resume play, press ►II.
- To skip to the previous/next file, press I◄/►I.

Play control

Select repeat/shuffle play options

1 During play, press **REPEAT/PROGRAM** repeatedly to select a repeat option or the shuffle play mode.

- To resume normal play, press **REPEAT**/**PROGRAM** repeatedly until **[Repeat Off]** is displayed.

Repeat A-B (DVD/VCD/CD/MP3/WMA)

1 During music or video play, press **REPEAT A-B** at the start point.

2 Press **REPEAT A-B** at the end point.
- » The selected section starts to play repeatedly.

- To cancel repeat play, press **REPEAT A-B** again.

> **Note**
>
> - The section A and B can be set only within the same track/title.

Search forward/backward

1 During play, press ◄/► (◄◄/►►) repeatedly to select a search speed.
- To resume play at normal speed, press ►❙❙.

Resume video play from last stopped point

> **Note**
>
> - This feature is only available for video play.

1 In stop mode and when the disc has not been removed, press **OK**.

To cancel resume mode and stop play completely:

1 In stop mode, press ■.

Play options

Display play information

1 During play, press ⓘ **INFO** repeatedly to display play information.

Zoom in/out image

1 During video/picture play, press **ZOOM** repeatedly to zoom in/out the image.
- When the image is zoomed in, you can press ◄/►/▲/▼ to pan through the image.

Change the audio channel

> **Note**
>
> - This feature is only available for VCD/DivX play.

1 During play, press **AUDIO** repeatedly to select an audio channel available on the disc:
- Mono Left
- Mono Right
- Stereo

Select an audio language

> **Note**
>
> - This feature is only available for DVDs/DivX videos recorded with multiple audio languages.

1 Press **AUDIO** repeatedly to select an audio language.

Select a subtitle language

1 Press **SUBTITLE** repeatedly to select an available subtitle language.

Picture view options

Start slideshow of pictures

1 During play, press ■.
   ↳ The thumbnails of 12 pictures are displayed.

2 Select a file, then press ►II to start slideshow play.
   • To go to previous or next screen display, press I◄/►I.
   • To select a picture, press the cursor buttons.
   • To display the selected photo only, press **OK**.

Rotate picture

1 During play, press ▲/▼ to rotate the picture anti-clockwise/clockwise.

Start musical slideshow

You can play MP3/WMA music files and JPEG photo files simultaneously to create musical slideshow. The MP3/WMA and JPEG files must be stored on the same disc or USB device.

1 Play MP3/WMA music.

2 Navigate to the photo folder/album and press ►II to start slideshow play.
   ↳ Slideshow begins and continues till the end of the photo folder or album.
   ↳ Audio continues to play till the end of the disc.

↳ To return to the menu, press **MENU/BACK**.

3 To stop slideshow play, press ■.

4 To stop music play, press ■ again.

6 Adjust settings

1 Press **OPTIONS**▣.
2 Select a setup page.
3 Select an option and then press ▶.
4 Select a setting and then press **OK**.
- To return to the previous menu, press ◀.
- To exit the menu, press **OPTIONS**▣.

General setup

On **[General Setup Page]**, you can set the following options:
[EasyLink]
If this unit is connected to HDMI CEC compliant TV/devices, all connected devices can respond to the following commands simultaneously:

Option	Description
[One Touch Play]	When you press ▶❚❚, the TV and this unit are turned on. Disc play starts if there is a disc in the unit.
[System Standby]	When you press and hold ⏻, connected HDMI CEC devices simultaneously switch to standby. To disable this feature, select **[Decline]**.
[System Audio Control]	When you play audio that is routed from the connected devices, this unit switches to the corresponding audio source automatically. To enable this feature, select **[On]**. Then proceed to **[Audio Input Mapping]** to scan and map all the connected devices.
[Audio Input Mapping]	When you map the audio input correctly, this unit switches to the audio from the played device automatically.

Note

- You must turn on the HDMI CEC operations on the TV/devices before you can enjoy the EasyLink controls. See the TV/devices manual for details.

Philips does not guarantee 100% interoperability with all HDMI CEC compliant devices.
[Disc Lock]
Set play restriction for specific discs. Before you start, place the disc in the disc compartment (maximum 40 discs can be locked).
- **[Lock]** – Restrict access to the current disc. You need to enter a password to unlock and play the disc.
- **[Unlock]** – Play all discs.

Tip

- To set or change the password, go to **[Preference Setup]** > **[Password]**.

[Display Dim]
Changes the brightness level of the display panel on this unit.
- **[100%]** – Normal brightness.
- **[70%]** – Medium brightness.
- **[40%]** – Dimmest display.

[OSD Language]
Select the preferred language for on-screen display.

[Screen Saver]
The screen saver protects the TV screen damage due to prolonged exposure to a static image.
- **[On]** – Enable the screen saver.
- **[Off]** – Disable the screen saver.

[Sleep Timer]
Switches to standby automatically after the preset time.

- **[15 mins]**, **[30 mins]**, **[45 mins]**, **[60 mins]** – select the count down time before the apparatus switches to standby.
- **[Off]** – disable sleep mode.

[DivX(R) VOD Code]
Display the DivX® registration code.

> ✱ **Tip**
>
> - Enter this DivX registration code when you rent or purchase video from www.divx.com/vod. The DivX videos rented or purchased through the DivX® VOD (Video On Demand) service can be played only on the device to which it is registered.

Audio setup

On **[Audio Setup Page]**, you can set the following options:

[HDMI Audio]
When you connect this apparatus and TV with an HDMI cable, select the audio output setting for this connection.
- **[On]** – the sound is output through both your TV and this apparatus. If the audio format on the disc is not supported, it is downmixed to two-channel sound (Linear-PCM).
- **[Off]** – disable audio output from the TV. The sound is only output through this apparatus.

[Night Mode]
Make loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.
- **[Off]** – enjoy surround sound with its full dynamic range.
- **[On]** – enjoy quiet viewing at night (DVDs only).

Video setup

On **[Video Setup Page]**, you can set the following options:

[TV Type]
Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.
- **[PAL]** – For TV with PAL color system.
- **[NTSC]** – For TV with NTSC color system.
- **[Multi]** – For TV that is compatible with both PAL and NTSC.

[TV Display]
The TV format determines the aspect ratio of display according to the type of TV you have connected.

4:3 Pan Scan (PS)   4:3 Letter Box (LB)   16:9 (Wide Screen)

- **[4:3 Pan Scan]** – For 4:3 screen TV: full-height display with the trimmed sides.
- **[4:3 Letter Box]** – For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9 Wide Screen]** – For wide-screen TV: display ratio 16:9.

[Progressive]
Turn on or off progressive scan mode.

[Picture Settings]
Select a predefined set of picture color settings or customize your personal setting.
- **[Standard]** – original color setting.
- **[Bright]** – vibrant color setting.
- **[Soft]** – warm color setting.
- **[Personal]** – customize the color setting. Adjust the level of brightness, contrast, sharpness/tint and color saturation.

[HDMI Video] – Select the HDMI video output resolution that is compatible with your TV display capability.

Option	Description
[Auto]	Detect and select the best supported video resolution automatically.
[480p], [576p], [720p], [1080i], [1080p]	Select a video resolution that is best supported by your TV. See your TV manual for details.

[Closed Caption]

Turn off or on display captions.

- **[On]** – show the sound effects in subtitles. Applicable only to discs with Closed Caption information included and the TV that supports this feature.
- **[Off]** – turn off closed caption.

Preference setup

On **[Preference Page]**, you can set the following options:

[Audio]

Select the preferred audio language for disc play.

[Subtitle]

Select the preferred subtitle language for disc play.

[Disc Menu]

Select the preferred disc menu language.

> **Note**
>
> - If the language you have set is not available on the disc, the disc uses its own default language.
> - For some discs, the subtitle/audio language can only be changed from the disc menu.
> - To select the languages that are not listed in the menu, select **[Others]**. Then check the Language Code list at the back of this user manual and enter the respective 4-digit language code.

[Parental]

Restricts access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

1) Press **OK**.
2) Select a rating level, then press **OK**.
3) Press the numeric keys to enter the password.

> **Note**
>
> - Rated discs above the level you set in **[Parental]** require a password to be played.
> - The ratings are country-dependent. To allow all discs to play, select '**8**'.
> - Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.

> **Tip**
>
> - You can set or change the password (see **[Preference Setup]** > **[Password]**).

[PBC]

Turns on or off the content menu of VCDs/SVCDs with PBC (playback control) feature.

- **[On]** - display index menu when you load a disc for play.
- **[Off]** - skip the menu and start play from the first title.

[MP3/JPEG Nav]

Select to display the folders or display all the files.

- **[With Menu]** – display the folders of MP3/WMA files.
- **[Without Menu]** – display all the files.

[Password]

Set or change the password for locked discs and play restricted DVDs.

1) Press the numeric keys to enter '0000' or your last set password at **[Old Password]** field.
2) Enter the new password at **[New Password]** field.
3) Enter the new password again at **[Confirm PWD]** field.
4) Press **OK** to exit the menu.

Note

• If you forget the password, enter '0000' before you set a new password.

[DivX Subtitle]

Select a character set that supports the DivX subtitle.

[Standard]	English, Irish, Danish, Estonian, Finnish, French, German, Italian, Portuguese, Luxembourgish, Norwegian (Bokmål and Nynorsk), Spanish, Swedish, Turkish
[Central Europe]	Polish, Czech, Slovak, Albanian, Hungarian, Slovene, Croatian, Serbian (Latin script), Romanian
[Cyrillic]	Belarusian, Bulgarian, Ukrainian, Macedonian, Russian, Serbian
[Greek]	Greek
[Hebrew]	Hebrew

Note

• Ensure that the subtitle file has the exact same file name as the movie file. If for example the file name of the movie is 'Movie.avi', then you will need to name the text file 'Movie.sub' or 'Movie.srt'.

[Version Info]

Display the software version of this apparatus.

Tip

• This information is required when you want to find out if a newest software version is available at the Philips website that you may download and install on this apparatus.

[Default]

Resets all the settings of this apparatus to factory default, except for **[Disc Lock]**, **[Password]** and **[Parental]** settings.

7 Tune to FM radio stations

1 Ensure that you have connected and fully extended the supplied FM antenna.

2 Press **RADIO**.

3 Press and hold ◄/► (◄◄/►►).

4 When the frequency indication starts to change, release the button.
 » The FM tuner tunes to a station with strong reception automatically.

5 Repeat steps 3-4 to tune to more stations.

To tune to a weak station:

Press ◄/► (◄◄/►►) repeatedly until you find optimal reception.

Program radio stations automatically

> **Note**
>
> • You can program a maximum of 20 preset radio stations.

1 Press ◄◄/►► to select a preset number to start programing.

2 Press and hold **REPEAT/PROGRAM** for 2 seconds to activate automatic programming.
 » **[AUTO]** (auto) is displayed briefly.
 » All available stations are programmed in the order of waveband reception strength.
 » The last programed radio station is broadcast automatically.

Program radio stations manually

> **Note**
>
> • You can program a maximum of 20 preset radio stations.

1 Tune to a radio station.

2 Press **REPEAT/PROGRAM** to activate programming.

3 Press ◄◄/►► to allocate a number from 1 to 20 to this radio station, then press **REPEAT/PROGRAM** to confirm.
 » The preset number and the frequency of the preset station are displayed.

4 Repeat the above steps to program other stations.

> **Note**
>
> • To overwrite a programmed station, store another station in its place.

Tune to a preset radio station

1 Press ◄◄/►► to select a preset number that you want.

> **Tip**
>
> • You can also use the numerical keypad to select a preset station directly.

8 Adjust volume level and sound effect

Adjust volume level

1 During play, press ⏢ **+/-** to increase/decrease the volume level.

Select a sound effect

> **Note**
>
> • You cannot use different sound effects at the same time.

Select a preset sound effect

1 During play, press **SOUND** repeatedly to select:
   • **[CLASSIC]** (Concert)
   • **[ROCK]** (Action)
   • **[Sports]** (Gaming)
   • **[Lounge]** (Drama)
   • **[Night]**

Select surround sound effect

DVS (Dolby Virtual Speaker) technology creates a highly compelling 5.1-channel listening experience from as few as two speakers. It is an ideal entertainment solution for locations where space for multiple speaker setup is limited.

1 During play, press **SURROUND** to turn on/off surround sound effect.

Adjust treble/bass level

1 Press **TREBLE** or **BASS**.

2 Within 5 seconds, press ⏢ **+/-** to set the level for high tones (treble) or low tones (bass).

Mute sound

1 During play, press ⏴ to mute/unmute sound.

9 Connect other devices

Listen to an audio player

You can listen to an audio player through this unit.

1 Connect the audio player.
- For audio players with red/white audio output sockets:
  Connect a red/white audio cable (not supplied) to the **AUX IN L/R** sockets and to the audio output sockets on the audio player.
- For audio players with headphone sockets:
  Connect a 3.5mm audio cable (not supplied) to the **MP3 LINK** socket and to the headphone socket on the audio player.
- For audio players with optical sockets:
  Connect an optical cable (not supplied) to the **OPTICAL IN** socket and to the optical output socket on the audio player.

2 Select the AUDIO SOURCE or MP3 LINK source.

3 Start play on the audio player.

10 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Amplifier

Rated Output Power	2X50WRMS
Frequency Response	20 -20kHz, ±3dB
Signal to Noise Ratio	>67dB
Aux Input	500mv RMS, 20kohm

Disc

Laser Type	Semiconductor
Disc Diameter	12cm/8cm
Video Decoding	MPEG-1 / MPEG-2 / DivX
Video DAC	12Bits
Signal System	PAL / NTSC
Video Format	4:3 / 16:9
Video S/N	>48dB
Audio DAC	24Bits / 96kHz
Total Harmonic Distortion	<1%
Frequency Response	4Hz - 20kHz (44.1kHz) 4Hz - 22kHz (48kHz) 4Hz - 24kHz (96kHz)
S/N Ratio	>67dBA

Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz
Sensitivity - Mono, 26dB S/N Ratio	<22 dBf
Search Selectivity	>28dBf
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50dB

Speakers

Speaker Impedance	2x8ohm
Speaker Driver, base	3'' woofer
Speaker Driver, tweeter	19mm tweeter
Sensitivity	>83dB/m/W ± 4dB/m/W

General information

AC power	120/230V, 50/60Hz
Operation Power Consumption	45W
Normal Standby power Consumption	<4W
Low Power Standby power Consumption	<1W
Composite Video Output	1.0Vp-p, 75ohm
HDMI (CEC) Output	1.3a
USB Direct	Version 2.0
Dimensions - Main Unit (W x H x D)	800 x 140 x 97 mm
Weight - With Packing	5 kg

Supported disc formats

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Digital Video Discs + Rewritable (DVD+RW)
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
- DivX(R) disc on CD-R(W):
- DivX 3.11, 4.x and 5.x
- WMA

Supported MP3-CD formats:

- ISO 9660
- Max. title/album name: 12 characters
- Max. title number plus album: 255.
- Max. nested directory: 8 levels.
- Max. album number: 32.
- Max. MP3 track number: 999.
- Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
- Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).
- The following formats are not supported:
  - Files like *.VMA, *.AAC, *.DLF, *.M3U,
  - *.PLS, *.WAV
  - Non-English Album/Title name
  - Discs recorded in Joliet format
  - MP3 Pro and MP3 with ID3 tag

USB playability information

Compatible USB devices:

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this apparatus)

Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/ WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

11 Troubleshooting

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site www.philips.com/welcome. When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

No power

- Ensure that the AC cord of the unit is connected properly.
- Ensure that there is power at the AC outlet.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No picture

- Check the video connection.
- Turn on the TV to the correct Video-In channel.
- Progressive scan is activated but the TV does not support progressive scan.

USB device not supported

- The USB device is incompatible with the unit. Try another one.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

No picture on HDMI connection.

- Check if the HDMI cable is faulty. Replace a new HDMI cable.
- If this happens when you change the HDMI video resolution, select the correct resolution until the picture appears.

No disc detected

- Insert a disc.
- Check if the label side of the disc faces outwards.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

Black and white or distorted picture

- The disc does not match the TV color system standard (PAL/NTSC).
- Sometimes a slight picture distortion may appear. This is not a malfunction.
- Clean the disc.
- A distorted picture may appear during progressive scan setup.

The aspect ratio of the TV screen cannot be changed even though you have set the TV display format.

- The aspect ratio if fixed on the loaded DVD disc.
- The aspect ratio may not be changed for some TV systems.

No sound

- Adjust the volume.
- Check that the speakers are connected correctly.
- If there is no sound in the USB mode, ensure that you have connected a USB device that contains playable music.
- If there is no sound in the AV mode, ensure that you have connected AV devices to the system correctly.

Remote control does not work

- Before you press any function button, first select the correct source with the remote control.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/−signs) aligned as indicated.
- Replace the batteries.
- Aim the remote control directly at the sensor on the front of the unit.

Disc does not play

- Insert a readable disc and ensure that the label side faces outwards.
- Check the disc type, color system and regional code. Check for any scratches or smudges on the disc.
- Press ▣ **OPTIONS** to exit the system setup menu.
- Disable the password for parental control or change the rating level.
- Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour. Disconnect and reconnect the AC power plug, and then turn on the system again.
- As a power-saving feature, the system turns off automatically 15 minutes after disc play reaches the end and no control is operated.

Poor radio reception

- Increase the distance between the unit and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

Unable to select Progressive Scan

- Ensure the component video mode is set to **[YUV]**.

No sound on HDMI connection.

- You may not hear any sound if the connected device is non-HDCP compliant or only DVI-compatible.

Audio or subtitle languages cannot be set

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.
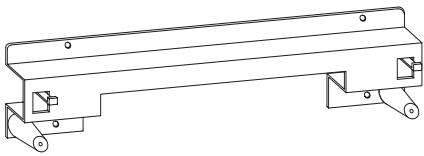
12 Appendix

Mount to a wall

> **! Caution**
>
> - Risk of product damage! Always consult professional personnel to safely mount the product to a wall.
> - Risk of injury! Ensure that no supply ducts such as gas, water or electricity are harmed when you drill the holes.

What's in the supplied mounting kit

1 x wall mount bracket for the main unit and speakers

4 x screws

What else you'll need

- Electric drill
- Screwdriver
- Pencil

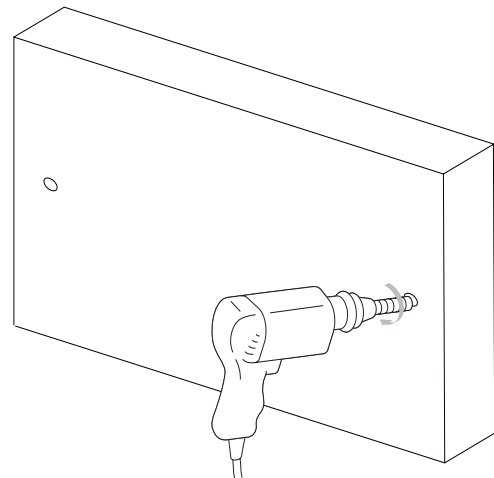### Mount the main unit and speakers

> **! Caution**
>
> - To find a suitable mounting location, make the necessary physical and wireless connections.
> - Mount the main unit and speakers to a solid concrete wall or plaster board wall only!

You can use the supplied bracket to mount the main unit and speakers to the wall.
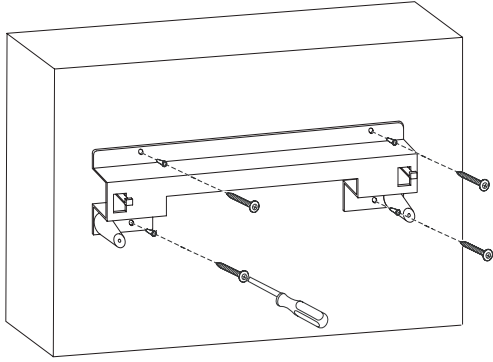
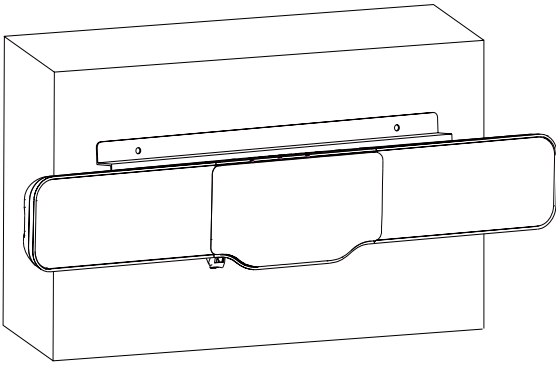1   Align the bracket in the chosen location on a wall. Use a pencil to mark the drilling positions.
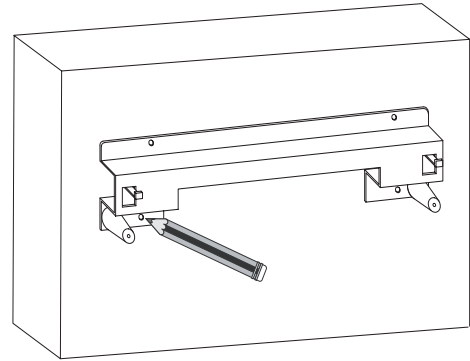
2   Drill holes as marked.

3   Secure the wall mount bracket onto the wall with 4 supplied screws.

4 Hook the main unit and speakers in place.

13 Glossary

A

Analog audio
Sound that has not been turned into numbers. Analog sound is available when you use the AUDIO LEFT/RIGHT. These red and white jacks send audio through two channels, the left and right.

Aspect ratio
Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

AUX
Auxiliary input that allows you to connect portable audio devices.

C

Composite video (CVBS)
A single video signal commonly used in most consumer video products.

D

Digital Audio
Digital Audio is a sound signal that has been converted into numerical values. Digital sound can be transmitted through multiple channels. Analog sound can only be transmitted through two channels.

Disc menu
A screen display that allows election of images, sounds, subtitles, multi-angles, etc., recorded on a DVD.

DivX®
The DivX® codec is a patent-pending, MPEG-4 based video compression technology developed by DivX®, Inc. It can shrink the file size of digital video and still maintain the high visual quality.

Dolby Digital Pro Logic II
An advanced, matrix decoding technology that expands any two channel audio, such as CDs and stereo encoded videocassettes, video games and TV broadcasts to a five channel full bandwidth (range) playback (Left/Center/Right/Left Surround/Right Surround), resulting in a surround sound experience.

E

EasyLink
Philips Easylink complies to the HDMI CEC industry standard protocal to share functionalities between this unit and its connected devices. This feature is only available if you connect this unit to a HDMI compliant device with a HDMI cable.

H

HDCP
High-bandwidth Digital Content Protection. This is a specification that provides a secure transmission of digital contents between different devices (to prevent unauthorized copyright.)

HDMI
High-Definition Multimedia Interface is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers high quality picture and sound quality, completely free from noise. HDMI is fully backward-compatible with DVI.
As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output.

J

JPEG

A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

M

MP3

A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

P

Parental control

A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

PBC

Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

Progressive scan

The progressive scan displays twice the number of frames per second than in an ordinary TV system. It offers higher picture resolution and quality.

S

Surround

A system that creates realistic, three-dimensional sound fields. It is usually achieved with multiple speakers that are arranged around the listener.

PHILIPS